Defense Information Infrastructure (DII)

Common Operating Environment (COE)

Application Program Interface Reference Manual (APIRM) for <name and version of software/segment>

<Document Version (if applicable)>

<Date>

Prepared for:

Defense Information Systems Agency

<Document Number>

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Notes on Using the Template

1. Refer to Section 3.1 and 3.2 of the *DII COE Developer Documentation Requirements* for format requirements and guidelines for using the templates.
2. This template has been formatted for a small document (12 pages or less). Section headings are left adjusted (refer to Section 3.1.6 of the *DII COE Developer Documentation Requirements*) and are not required to begin on a new odd page.

1. Scope

This section shall be divided into the following paragraphs.

1.1 Identification

This paragraph shall contain a full identification of the system and software. It must provide the identifying number(s), title(s), abbreviation(s), version number(s), the release number(s), and the associated COE version number(s), as applicable. Identification must include the operating system platform(s) to which this document applies.

1.2 System Overview

This paragraph shall provide a brief description of the general nature, purpose, and function of the system and software.

2. Referenced Documents

Provide a list of documents referenced in this document. List each document by document number, title, version/revision, and date. Identify the source for all documents not available through the Government.

3. API Overview

Provide an overview of the public or COE approved APIs included in the subject software/segment. List the APIs covered in this document and include a brief description of the general functionality performed, as applicable. Provide references to additional sources of information about the APIs described in this document.

4. <Name of API> General Function

This and subsequent sections may be organized by functionality or as required to present the API details. For example, section 4 may be printer APIs and section 5 may be message processing APIs. Provide subsections as needed to describe each API in detail.

4.1 <Name of API>

Describe each API and include details concerning when and how a programmer may use the subject API. Details may be organized in any consistent manner best suited to presenting the information. Provide the following details for each API, as applicable:

1. Function Name - brief description of the function
2. Synopsis - calling syntax, including arguments and the return type
3. Parameters - describe each parameter used by the function
4. Description - describe what the function does, including events and impacts
5. Returns - describe what the function returns
6. Notes - additional information about the function
7. Example - how to use the function

5. Notes

Provide general information to assist in the understanding of this document. This section may include a list of acronyms and abbreviations, and a list of terms and definitions.

6. Documentation Improvement and Feedback

Comments and other feedback on this document should be directed to the DII COE Hotline:

Phone: 703-735-8681
Fax.:   703-735-3080
Email: HotlineC@ncr.disa.mil

A. Appendices

Appendices may be used to provide additional information published separately for convenience in document maintenance. The appendices shall be referenced in the main body of the document, where applicable.